

Declaration of Performance





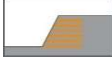


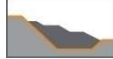

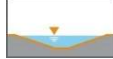
DoP n°: Drefon ST F40R - 2020.02.24

1. Product Name and 2. Product Type

Drefon ST F40R

100% Polypropylene Nonwoven Geotextile

3. Intended use

For	Application	Functions	For	Application	Functions
Roads		Filtration Separation	Reservoirs and dams		Filtration Separation
Railways		Filtration Separation	Canals		Filtration Separation
Foundations and walls		Filtration Separation	Tunnels		/
Drainage systems		/	Solid waste disposals		Filtration Separation
Erosion control		Filtration Separation	Liquid waste disposals		Filtration

4. Registered trade name

Manifattura Fontana S.p.A.

5. Contact address

Via Fontoli, 10 - 36020 Valstagna - Italy
Tel: +39 0424 99896 - Fax: +39 0424 99827
www.manifatturafontana.net

6. AVCP

System 2+

7. Notified body

1213

EN 13249:2016	EN 13250:2016	EN 13251:2016	EN 13252:2016	EN 13253:2016
EN 13254:2016	EN 13255:2016	EN 13256:2016	EN 13257:2016	EN 13265:2016

Notified body SKZ - Testing GmbH (identification no. 1213) performed the initial inspection of the manufacturing plant and of factory production control (FPC) and the continuous surveillance, assessment and evaluation of FPC and issued the certificate of conformity of the FPC n° 4191.

8. Declared performance

Essential characteristics	Performance					Standard	Harmonised Technical Specifications
		Mean value		Tolerance			
Tensile strength	CMD	12	kN/m	-1,56	kN/m	EN ISO 10319	EN 13249:2016
	MD	12	kN/m	-1,56	kN/m		
Elongation at maximum load	CMD	55	%	± 12,65	%	EN ISO 10319	EN 13250:2016
	MD	42	%	± 9,66	%		
Static puncture (CBR test)		1900	N	-190	N	EN ISO 12236	EN 13251:2016
Dynamic perforation (Cone drop test)		29	mm	7,2	mm	EN ISO 13433	EN 13252:2016
Pyramid Puncture		-	N	-	N	EN 14574	EN 13253:2016
Characteristic opening size		80	µm	± 24	µm	EN ISO 12956	EN 13254:2016
Water permeability normal to the plane		90	l/(s m ²)	-27	l/(s m ²)	EN ISO 11058	EN 13255:2016
Water flow in the plane	20 kPa, i=1	-	*10 ⁻⁶ m ² /s	-	*10 ⁻⁶ m ² /s	EN ISO 12958	EN 13256:2016
Weathering resistance		To be covered within 1 month after installation				EN 12224	EN 13257:2016
Oxidation resistance		Predicted to be durable for 100 years service in natural soils with 4 ≤ pH ≤ 9 and soil temperature ≤ 25 °C				EN ISO 13438 met A	EN 13265:2016
Dangerous substances		Less than required by national regulations in EU Member States					

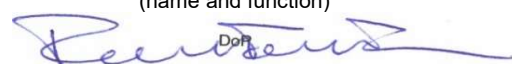
9. Declaration

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Valstagna, 24.02.2020
(place and date of issue)

Francesco Fontana - Sole administrator
(name and function)


(signature)